

Title (en)

METHOD OF PREDICTING OPTICAL PROPERTIES AND PHYSICAL CHARACTERISTICS TO FORMULATE OPTIMUM COATING SYSTEM

Title (de)

VERFAHREN ZUR VORHERSAGE OPTISCHER EIGENSCHAFTEN UND PHYSISCHER MERKMALE ZUR FORMULIERUNG EINES OPTIMALEN ÜBERZUGSSYSTEMS

Title (fr)

PROCEDE DE PREDICTION DES PROPRIETES OPTIQUES ET DES CARACTERISTIQUES PHYSIQUES PERMETTANT LA FORMULATION D'UN SYSTEME D'ENDUIT OPTIMAL

Publication

EP 1423207 A4 20041020 (EN)

Application

EP 02775740 A 20020904

Priority

- US 0227976 W 20020904
- US 31710001 P 20010904

Abstract (en)

[origin: WO03020445A1] Method of predicting optical properties and physical characteristics of coated paper or other sheet products for the purpose of formulating enhanced coating or sheet forming systems, and in particular to a method, which uses a diffusion approximation model derived from a radiative transfer theory employing various inputs of the properties and/or characteristics to predict coating or sheet system performance.

IPC 1-7

B05D 5/06; D21H 11/16

IPC 8 full level

B05D 1/00 (2006.01); **D21H 19/36** (2006.01); **G05B 13/02** (2006.01); **B05D 5/06** (2006.01)

CPC (source: EP)

B05D 1/00 (2013.01); **D21H 19/36** (2013.01); **G05B 13/026** (2013.01); **B05D 5/06** (2013.01)

Citation (search report)

- No further relevant documents disclosed
- See references of WO 03020445A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LI LU MC NL PT SE SK TR

DOCDB simple family (publication)

WO 03020445 A1 20030313; EP 1423207 A1 20040602; EP 1423207 A4 20041020

DOCDB simple family (application)

US 0227976 W 20020904; EP 02775740 A 20020904